



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION 5  
EMERGENCY RESPONSE BRANCH  
9311 GROH ROAD, ROOM 216  
GROSSE ILE, MI 48138-1697

MAY 17 2000

**MEMORANDUM**

REPLY TO ATTENTION OF:

SUBJECT: ACTION MEMORANDUM - Request for a Time-Critical Removal Action at the Buckley Towing Site, Coventry Township, Akron, Summit County, Ohio (ID# B5H9)

FROM: James E. Augustyn, On-Scene Coordinator  
Emergency Response Branch - Response Section 1

*Len Flowers, for*

TO: Richard Karl, Chief  
Emergency Response Branch

EPA Region 5 Records Ctr.



253012

**I. PURPOSE**

The purpose of this memorandum is to request and document your approval to expend up to \$46,175 to abate an imminent and substantial threat to public health and the environment posed by the presence of ignitable and Toxicity Characteristic Leaching Procedure (TCLP) characteristic wastes at the Buckley Towing Site located at a vacant lot at 2977 Manchester Road, Coventry Township, Summit County, Ohio 44319.

The response action proposed herein will mitigate threats to public health, welfare, and the environment posed by the presence of uncontrolled hazardous substances located at the Site. Proposed removal actions include stabilization of the hazardous substances and removal and disposal of the flammable and other hazardous substances from the Site. The proximity of the Site to residential properties and unstable condition of numerous drums containing flammable materials require that this removal be classified as time-critical. The project will require an estimated 5 working days to complete.

This Site is not on the National Priorities List, has not been ranked, does not set any precedents, and is not nationally significant.

**II. SITE CONDITIONS AND BACKGROUND**

CERCLIS ID # OH SFN 0507981

The Buckley Towing Site is located at 2977 Manchester Road, Coventry Township, Summit County, Ohio 44319. The Site is a vacant lot on which the former property owner operated a junk yard since the 1940s. The Site is located in a residential area south of Akron in Coventry Township. The property is bordered to the west by

Manchester Road, to the north, south, and east by residential properties. Long Lake is located approximately 1,000 feet north and east of the Site. The property encompasses approximately 1 acre. The Site is located at 41° 01' 6.41" North latitude, 81° 33' 2.94" West longitude.

The Site is fenced with a 4.5 foot chain-link fence. There is no security at the Site. No permanent structures exist at the Site.

In the state of Ohio, the low-income percentage is 30% and the minority percentage is 13%. To meet the EJ concern criteria, the area within 1 mile of a Site must have a population that's twice the state low-income percentage and/or twice the state minority percentage. That is, the area must be at least 60% low-income and/or 26% minority. At this Site, the low-income percentage is 40.5% and the minority percentage is .67% as determined by Arcview or Landview III EJ analysis. Therefore, this site does not meet the region's EJ criteria based on demographics as identified in "Region 5 Interim Guidelines for Identifying and Addressing a Potential EJ Case, June 1998."

Property records obtained from the Coventry Township Board of Trustees indicate that the Estate of Robert E. Buckley is the current owner of the property. Mr. Ernie Buckley, son of Robert E. Buckley, operated the facility until he was incarcerated for selling drugs from the property.

Coventry Township has been in litigation with Mr. Buckley to remove junk automobiles, tires, parts, and miscellaneous junk from the Site for nearly 4 years. Summit County Common Pleas Court issued an Agreed Judgement Entry permitting the Township to undertake cleanup actions on the property. Coventry Township obtained a \$75,000 grant from the Summit County Solid Waste Management Authority to remove and dispose of solid waste. The township completed its cleanup efforts late in November 1999. The grant authorized the cleanup of solid waste but not hazardous wastes found on the Site. The Ohio Environmental Protection Agency (Ohio EPA) requested U.S. EPA's assistance with a removal action at the Site.

The Ohio EPA conducted a Site assessment and collected samples on January 19, 2000. The analytical results provided by Ohio EPA confirmed that several drum samples exhibited flash points of  $\leq 72^{\circ}\text{F}$  and failed for TCLP for Lead and Mercury. Twenty-six 55-gallon drums and 10 smaller containers were discovered and inventoried by the Ohio EPA. Flame Ionization Detector (FID) and Photo Ionization Detection readings indicated that many of the drums on the Site exhibit combustible characteristics. In addition to the containers, Ohio EPA sampled 2 residential wells and 2 wells on the Buckley property.

On March 13, 2000, the U.S. EPA conducted a Site assessment at the property at the request of Ohio EPA. During the assessment, the U.S. EPA observed numerous drums

and small containers of hazardous substances on the property. All of the drums showed signs of deterioration. None of the drums or small containers bore labels indicating the identity of their contents.

### **III. THREATS TO PUBLIC HEALTH, WELFARE, OR THE ENVIRONMENT, AND STATUTORY AND REGULATORY AUTHORITIES**

The documented conditions at the Buckley Towing Site meet the criteria for a removal action as stated in the National Contingency Plan (NCP) Section 300.415, Paragraph (b)(2), specifically:

- i) Actual or potential exposure to nearby human populations, animals, or the food chain from hazardous substances or pollutants or contaminants;

The Site is located in a primarily residential area. Fencing at the Site is not of sufficient height or construction to prevent trespass, thereby allowing access to humans and animals. No structures are on Site to secure the drums and there is no on-site security.

- ii) Hazardous substances or pollutants or contaminants in drums, barrels, tanks, or other bulk storage containers, that may pose a threat of release;

At the time of the site assessment, located at the Site were twenty-six 55-gallon drums and 10 smaller containers. Most of the containers were in various stages of deterioration and unmarked. Some of the drums appeared to be leaking.

- iii) Weather conditions that may cause hazardous substances or pollutants or contaminants to migrate or be released;

Exposure to the elements will continue to deteriorate the condition of the drums allowing for a potential release. Although the property is outside the flood plain of Long Lake, over time, drainage from the Site will migrate in the direction of the lake.

- iv) Threat of fire or explosion;

The many of drums stored on Site contain flammables as defined in 40 CFR part 261.21. Analytical results from several drums have determined flash point of  $\leq 72^{\circ}\text{F}$  indicating that they are flammable. Most of the drums are in extremely poor condition.

### **IV. ENDANGERMENT DETERMINATION**

Given the Site conditions, the nature of the hazardous substances on Site, the potential exposure pathways to nearby populations described in Sections II and III above, the actual or threatened release of hazardous substances from this Site may present an

imminent and substantial endangerment to public health, or welfare, or the environment.

#### **V. PROPOSED ACTIONS AND ESTIMATED COSTS**

The OSC proposes to undertake the following actions to mitigate threats posed by the presence of hazardous substances or pollutants or contaminants at the Buckley Towing Site:

- 1) Develop and implement a Site-specific Health and Safety Plan;
- 2) Secure and contain all hazardous substances on Site;
- 3) Conduct additional drum sampling to identify, inventory, and characterize hazardous substances or pollutants or contaminants on Site, including ignitable wastes;
- 4) Stabilize and dispose off Site all hazardous substances or pollutants or contaminants from drums and containers at a U.S. EPA-approved disposal facility in accordance with the U.S. EPA Off-Site Rule (40 CFR § 300.440);
- 5) Take any response action to address any release or threatened release of a hazardous substance, pollutant, or contaminant that the U.S. EPA determines may pose an imminent and substantial endangerment to the public health or the environment.

The removal action will be conducted in a manner not inconsistent with the National Contingency Plan (NCP). The OSC has initiated planning for provision of post-removal Site control consistent with the provisions of Section 300.415 (I) of the NCP. However, elimination of all surface threats is expected to minimize the need for post-removal Site control.

All hazardous substances, pollutants, or contaminants removed off Site pursuant to this removal action for treatment, storage, or disposal shall be treated, stored, or disposed of at a facility in compliance as determined by U.S. EPA, with the U.S. EPA Off-Site Rule, 40 CFR § 300.440, 58 Federal Register 49215 (Sept. 22, 1993).

The removal action will be conducted in a manner to obtain and preserve information and evidence which may be of use to an ongoing civil investigation of the Site. Actions will also be coordinated with the OEPA to facilitate an orderly transition to their planned FY00 remedial activities. Ohio EPA's Pre-Remedial Site Assessment Group is planning to do a complete Site assessment of the property to determine if the Site contributed to existing groundwater problems in the area.

The response actions described in this memorandum directly address actual or threatened releases of hazardous substances, pollutants, or contaminants at the Site which may pose an imminent and substantial endangerment to public health and safety and the environment. These response actions do not impose a burden on the affected property disproportionate to the extent to which that property contributes to the conditions being addressed.

The estimated costs to complete the above activities are summarized below. These activities will require an estimated 5 on-site working days to complete. Detailed cleanup contractor costs are presented in Attachment 1.

### **REMOVAL PROJECT CEILING ESTIMATES**

#### **EXTRAMURAL COSTS:**

Cleanup Contractor Costs	\$25,605
Contingency (15%)	<u>3,841</u>
Subtotal	\$29,446
Total START	<u>\$ 3,000</u>
Extramural Subtotal	\$32,446
Extramural Contingency (20%)	<u>6,489</u>
TOTAL EXTRAMURAL COSTS	\$38,935

#### **INTRAMURAL COSTS:**

U.S. EPA Direct Costs [(\$30 x (60 Regional Hours + 8 HQ Hours))]	\$ 2,040
U.S. EPA Indirect Costs (\$65 x 80 Regional Hours)	<u>\$ 5,200</u>
TOTAL INTRAMURAL COSTS	<u>\$ 7,240</u>
TOTAL REMOVAL PROJECT CEILING ESTIMATE	\$46,175

The response actions described in this memorandum directly address the actual or threatened release at the Site of a hazardous substance, pollutant, or of a contaminant

which may pose an imminent and substantial endangerment to public health or welfare or to the environment.

**Applicable or Relevant and Appropriate Requirements**

All applicable, relevant, and appropriate requirements (ARARs) of Federal and State law will be complied with to the extent practicable. On March 14, 2000, a letter was sent to Mr. Robert Almquist of the Ohio EPA requesting that he identify State ARARs. Any State ARARs identified in a timely manner for this removal action will be complied with to the extent practicable.

**VI. EXPECTED CHANGE IN THE SITUATION SHOULD ACTION BE DELAYED OR NOT TAKEN**

Delayed or no action will increase the potential of the flammable, hazardous materials, which threaten public health, to ignite and threaten the adjacent population and the environment.

**VII. OUTSTANDING POLICY ISSUES**

None.

**VIII. ENFORCEMENT**

For administrative purposes, information concerning the enforcement strategy for this Site is contained in the Enforcement Confidential Addendum.

**IX. RECOMMENDATION**

This decision document represents the selected removal action for the Buckley Towing Site located at a vacant lot at 2977 Manchester Road, Coventry Township, Summit County, Ohio, developed in accordance with CERCLA as amended, and is not inconsistent with the NCP. This decision is based upon the Administrative Record for the Site. Conditions at the Site meet the NCP Section 300.415 (b) (2) criteria for a removal and I recommend your approval of the proposed removal action. The total project ceiling, if approved, will be \$46,175. Of this, an estimated \$35,935 may be used for cleanup contractor costs. You may indicate your decision by signing below.

APPROVE: William D. Messinger f RK DATE: 5-17-00  
Chief, Emergency Response Branch

DISAPPROVE: \_\_\_\_\_ DATE: \_\_\_\_\_  
Chief, Emergency Response Branch

**Enforcement Addendum**

**Attachments**

1. Detailed Cleanup Contractor Cost Estimate
2. Administrative Record Index

cc: K. Mould, 5202-G  
D. Henne, Dept. Of Interior  
K. Clouse, Ohio EPA

BUCKLEY TOWING SITE  
AKRON, SUMMIT COUNTY, OHIO  
AR ORIGINAL

DOCUMENT #9

"Action Memorandum: Request for a Time-Critical Removal Action  
at the Buckley Towing Site"

BCC PAGE  
1 - Page

REDACTED

NOT RELEVANT TO THE SELECTION OF THE REMOVAL ACTION



BUCKLEY TOWING SITE  
AKRON, SUMMIT COUNTY, OHIO  
AR ORIGINAL

DOCUMENT #9

"Action Memorandum: Request for a Time-Critical Removal Action  
at the Buckley Towing Site"

**ENFORCEMENT CONFIDENTIAL ADDENDUM**

**1 - Page**

**REDACTED**

NOT RELEVANT TO THE SELECTION OF THE REMOVAL ACTION

**ATTACHMENT 1**

**DETAILED CLEANUP CONTRACTOR ESTIMATE  
BUCKLEY TOWING SITE  
COVENTRY TOWNSHIP, SUMMIT COUNTY, OHIO**

**MAY 2000**

**The estimated cleanup contractor costs necessary to complete the removal action at the Buckley Towing Site are as follows:**

<b>Personnel and Equipment</b>	<b>\$ 10,872</b>
<b>Materials</b>	<b>2,000</b>
<b>Sampling, Analysis, Transportation and Disposal</b>	<b><u>12,733</u></b>
<b>TOTAL</b>	<b>\$ 25,605</b>

ATTACHMENT 2

U.S. ENVIRONMENTAL PROTECTION AGENCY  
REMOVAL ACTION

ADMINISTRATIVE RECORD  
FOR  
BUCKLEY TOWING SITE  
COVENTRY TOWNSHIP, SUMMIT COUNTY, OHIO

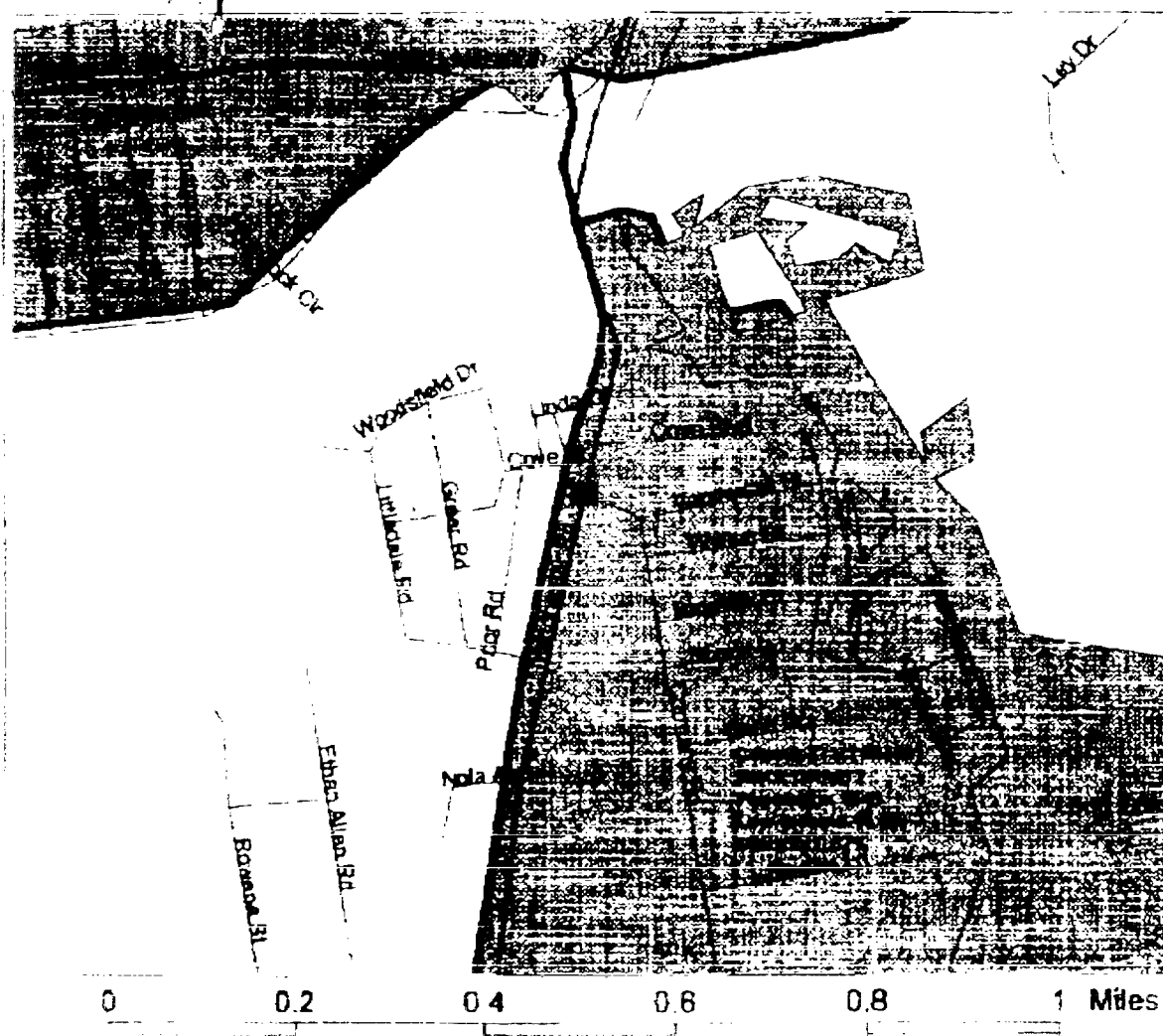
ORIGINAL  
MAY 16, 2000

<u>NO.</u>	<u>DATE</u>	<u>AUTHOR</u>	<u>RECIPIENT</u>	<u>TITLE/DESCRIPTION</u>	<u>PAGES</u>
1	10/02/98	Hasenyager, R., Summit County General Health District	Bolas, M., Ohio EPA	Letter re: Request for Ohio EPA Assistance at the Buckley Towing Site w/ Attached Analytical Data	38
2	09/27/99	Summit County Common Pleas Court	Coventry Township Board of Trustees	Final Agreed Judgement Entry re: the Buckley Towing Site	7
3	12/16/99	Hasenyager, R., Summit County General Health District	Almquist, R., Ohio EPA	Letter re: Cleanup Progress at the Buckley Towing Site w/ Attached Analytical Data	18
4	01/05/00	Allen, P., Ohio EPA	El-Zein, J., U.S. EPA	Letter re: Ohio EPA's Request for U.S. EPA Assistance at the Buckley Towing Site w/ Attached Time-Critical Removal Action Referral Package	8
5	01/19/00	Almquist, R., Ohio EPA	Ohio EPA Site File	Field Report for Drum Sampling at the Buckley Towing Site	7
6	02/16/00	Smith, J., Quanterra Laboratory	Shane, S., Ohio EPA	Analytical Report for the Buckley Towing Site	34
7	03/14/00	Augustyn, J., U.S. EPA	Almquist, R., Ohio EPA	Letter re: U.S. EPA's Request for Ohio ARARs for the Buckley Towing Site	1
8	04/04/00	Karl, R., U.S. EPA	George, D., Attorney/ Buckley Estate	Letter re: General Notice of Potential Liability for the Buckley Towing Site	3






<u>NO.</u>	<u>DATE</u>	<u>AUTHOR</u>	<u>RECIPIENT</u>	<u>TITLE/DESCRIPTION</u>	<u>PAGES</u>
9	00/00/00	Augustyn, J., U.S. EPA	Karl, R., U.S. EPA	Action Memorandum: Request for a Time- Critical Removal Action at the Buckley Towing Site (PENDING)	

# Region 5 Superfund EJ Analysis

## Buckley Towing Site Coventry Township, OH

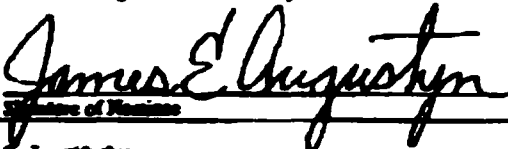


### EJ Identification

-  Low Income and Minority Less than State Average
-  Low Income or Minority at or Greater than State Average
-  Low Income or Minority 2 Times or Greater than State Average (meets Region 5 EJ Case criteria)
-  Site Location
-  Block Group Boundary

Region 5 EJ Case Criteria for Ohio  
 Minority: 26% or greater  
 Low Income: 60% or greater



<b>EPA</b> United States Environmental Protection Agency Washington, DC 20460		
<b>NOMINATION AND APPOINTMENT OF THE CONTRACTING OFFICER'S REPRESENTATIVE (COR)</b>		
<b>1.a. Name of Nominee:</b> James E. Augustyn	<b>b. Title, Series, and Grade:</b> On-Scene Coordinator, GS/1301/1382	
<b>c. Mailing Address (include full street):</b> Mail Code: ME-W 25000 Center Ridge Road Westlake, OH 44145	<b>d. Telephone:</b> (440)250-1742	
<b>2. The nomination is for:</b> <input type="checkbox"/> Project Officer <input type="checkbox"/> Deputy Project Officer <input type="checkbox"/> Regional Project Officer <input type="checkbox"/> Zone Project Officer <input type="checkbox"/> Delivery Order Project Officer <input checked="" type="checkbox"/> Work Assignment Manager <input type="checkbox"/> Alternate _____ <input type="checkbox"/> Other _____	<b>3. Training completed:</b> <b>a. Acquisition Training for Project Officers</b> (Formerly The Basic Project Officer Course) (All Project Officers must complete.) <b>b. Contract Administration Course</b> (All CORs must complete.) <b>c. Recertification Course</b> (All CORs must complete every three years.)	<b>Date Completed</b> <u>July 13, 1995</u>  <u>June 15, 1995</u>  <u>April 19, 2000</u>
<b>4. Briefly describe the nominee's contract management experience and nominee's technical expertise in the subject matter of the contract:</b> <p>The nominee has more than seven (7) years contract management experience (4 with DOD and 3 with EPA). The nominee has been serving as an On-Scene Coordinator (OSC) since May 15, 1995. He has administered numerous Technical Direction Documents (TDDs) under the START Zone 2 contract. The nominee holds a MA and an MBA in business from Weber University.</p>		
<b>5. The nomination is for contract number</b> <u>68-SF-92-01, 68-SF-92-02, 68-SF-92-21</u>		
<b>6. I understand that COR duties are not delegable. In the event that I am unable to continue performing my COR duties, I will contact the Contracting Officer immediately.</b>		
 Signature of Nominee		<u>5-4-00</u> Date
<b>7. I certify that:</b> <b>a.</b> The nominee's contract management duties will be incorporated in his/her position description and performance standard. <b>b.</b> The nominee's Standard Form 450, Confidential Financial Disclosure Report, will be filed with the cognizant Deputy Ethics Official. <b>c.</b> The nominee's contract management workload will stay within his/her ability to perform satisfactorily. <b>d.</b> If the nominee performs his/her contract management functions unsatisfactorily, I will notify the Contracting Officer immediately.		
Signature of the Nominating Official _____  John H. El-Zein, Executive Section #1, Section Chief Name/Title (Print or type)		Date _____  <u>734-492-7661</u> Telephone
Signature of the Appointing Official _____ (Contracting Officer)		Date _____

**ERRS Delivery Order Scope of Work  
Buckley Towing Site (Site ID# B5H9)  
Akron, Ohio**

- Develop and implement a site-specific health and safety plan;
- Secure, stage, sample, and characterize all site wastes in drums (approximately 25) and other containers;
- Conduct compatibility testing on liquids, sludges, and other hazardous wastes and substances;
- Bulk and consolidate wastes in preparation for off-site transport; dispose of any drum carcasses;
- Transport and dispose of all hazardous wastes, pollutants and contaminant at an EPA-approved disposal facility in accordance with the U.S. EPA Off-site Rule, 58 Federal Register 49200, effective October 22, 1994.

# CLIN BREAKOUT FOR Buckley Towing Site (B5H9)

CLIN	Description - Personnel	Rate	Hours	Cost
1001AA	Jr Response Manager	\$35.86		
10001A	Jr Response Manager - OT	\$47.89		
1002AA	Response Manager	\$48.33	80	\$2,600
1002AB	Response Manager - OT	\$48.33		
1003AA	Foreman	\$34.29		
1003AB	Foreman - OT	\$48.81		
1004AA	Clean-Up Technician	\$24.40	80	\$1,952
1004AB	Clean-Up Technician - OT	\$32.45		
1005AA	Equipment Operator	\$39.93	40	\$1,597
1005AB	Equipment Operator - OT	\$53.11		
1006AA	Field Cost Administrator	\$30.34	25	\$759
1006AB	Field Cost Administrator - OT	\$40.36		
1007AA	Truck Driver	\$32.37		
1007AB	Truck Driver - OT	\$43.05		
1008AA	Labor/Non 40 hr.	\$23.97		
1008AB	Labor/Non 40 hr - OT	\$31.88		
1009AA	Construction Inspector	\$28.05		
1010AA	Electrician	\$36.32		
1010AB	Electrician - OT	\$48.31		
1011AA	Chemist, Organic	\$38.08	8	\$288
1011AB	Chemist, Organic - OT	\$38.08		
1012AA	Computer Operator	\$28.45		
1012AB	Computer Operator - OT	\$36.18		
1013AA	Hydrogeologist	\$40.40		
1013AB	Hydrogeologist - OT	\$40.40		
1014AA	Ind. Hygienist Site Safety Insp.	\$37.88		
1014AB	Ind. Hygienist Site Safety Insp. - OT	\$37.88		
1015AA	Radiation Specialist	\$30.40		
1015AB	Radiation Specialist - OT	\$40.43		
1016AA	Site Safety	\$28.41		
1016AB	Site Safety - OT	\$28.41		
1017	Reserved			
1018	Reserved			
1019	Reserved			
1020	Reserved			
1021AA	Program Manager	\$117.87		
1022AA	T&D Coordinator	\$53.03	16	\$848
Total Personnel Cost				\$8,344

CLIN	Description - Trucks	Rate	# of Days	Cost
1023	Boom - 2 Ton	\$205.03		
1024	Box - 1 Ton	\$82.28		
1025	Box - 2 Ton	\$102.52		
1026	Car-Passenger	\$37.68		
1027	Dump Articulated CAT D30D	\$553.58		
1028	Dump Fixed Box 10/20 yds.	\$225.53		
1029	2 Wheel Drive	\$45.21	5	\$226
1030	4 Wheel Drive	\$57.41		
1031	Emergency Response	\$117.89		
1032	Road Tractor	\$220.41	2	\$441
1033	Stake Bed - 1 Ton	\$87.14		
1034	Stake Bed - 2 Ton	\$102.52	5	\$513
1035	Vacuum 3800 gals/dump	\$288.54		
1036	Passenger Van	\$51.29		
Total Truck Cost				\$1,179

CLIN	Description - Trailers	Rate	# of Days	Cost
1037	Decon - 8x20	\$53.31		
1038	Decon with Showers 8x30	\$82.01		
1039	Decon without Showers 8x30	\$53.31		
1040	Lowboy - 9 Ton	\$81.51	2	\$123
1041	Lowboy - 20 Ton	\$82.01		
1042	Lowboy - 30 Ton	\$97.38		
1043	Lowboy - 50 Ton	\$148.65		
1044	Skid Unit Vacuum/1500 gal.	\$148.65		
1045	Storage Approx. 20 ft.	\$9.23		
1046	Storage Approx. 40 ft.	\$11.28		
Total Trailer Cost				\$123

CLIN	Description - Heavy Equipment	Rate	# of Days	Cost
1047	Attachment Grappler Demolition	\$53.31		
1048	Attachment Grappler Drum Hydraulic	\$71.76		
1049	Attachment HoRam - Hydraulic	\$87.66		

CLIN	Description - Heavy Equipment	Rate	# of Days	Cost
1079	Analyzer Hazcat System w/o fume ho	\$28.70		
1080	Fume hood vented	\$8.20		
1081	Meter/Monitor Explosion/O2 digital	\$12.30		



## CLIN BREAKOUT FOR Buckley Towing Site (BSH9)

1050	Backhoe - CASE 580	\$92.26		
1051	Backhoe - CAT 438/438/426	\$107.64		
1052	Backhoe - Extendahoe	\$148.65		
1053	Bulldozer - CAT D3C	\$215.28		
1054	Bulldozer - CAT D6H	\$430.56		
1055	Bulldozer - CAT D8	\$775.01		
1056	Compactor - CAT 815 (Sheepsfoot)	\$630.47		
1057	Compactor - CAT - CS 323C Roller Vi	\$230.66		
1058	Compactor - CAT - CS 433C Roller Vi	\$261.41		
1059	Compactor Sheepsfoot Attach w/Doz	\$256.29		
1060	Drum Crusher, Hydraulic	\$84.06	3	\$252
1061	Excavator Gradall/Wheeled Mid-sized	\$614.99		
1062	Excavator CAT 204LC/312	\$256.29		
1063	Excavator CAT 215C/315	\$348.55		
1064	Excavator CAT EL180/320L	\$399.81		
1065	Excavator CAT 225B LC/320	\$363.93		
1066	Forklift - Telescopic	\$153.77		
1067	Loader Track - CAT 943/939 1.5 cyd.	\$297.29		
1068	Loader Track - CAT 951/953/955 2 cy	\$353.68		
1069	Loader Track - CAT 973 3 cyd.	\$476.69		
1070	Loader Wheel - CAT 936E/938 2.5 cy	\$307.55		
1071	Loader Wheel - CAT 950E 3 cyd.	\$338.30		
1072	Scraper Self Loader - CAT 615 or eqv	\$615.09		
1073	Scraper Non-Self loading, dozer assis	\$615.09		
1074	Shears Boom attach. - LaBounty 110/	\$205.03		
1075	Shears Boom attach. - LaBounty 116/	\$266.54		
1076	Uni Loader with bucket - Bobcat 683/	\$88.16	5	\$441
1077	Uni Loader Forks attach.	\$22.15		
1078	Uni loader Barrel grappier	\$71.78	5	\$359
Total Heavy Equipment				\$1,052

1082	Meter/Monitor Hnu PID digital	\$24.60		
1083	Meter/Monitor OVA FID digital	\$55.36		
1084	Meter/Monitor Alpha Meter, Ludlum	\$12.30		
1085	Meter/Monitor Beta Gamma Meter, Ludl	\$12.30		
1086	Meter/Monitor Aerosol Miniram	\$30.75		
1087	Meter/Monitor Aerosol/Ram	\$30.75		
1088	PPE Level A Suit	\$205.03		
1089	PPE Level B SCBA low pressure	\$19.27	9	\$173
1090	radio - handheld	\$5.13		
1091	radio - base station	\$10.25		
Total Safety & Analytical				\$173

CLIN	Description - Field Equipment	Rate	# of Days	Cost
1092	Treatment Pool 10,000 gal	\$131.22		
1093	Treatment Pool 20,000 gal	\$157.87		
1094	Treatment Pool 50,000 gal	\$360.85		
1095	Air Blower Portable 300 CFM	\$4.82		
1096	Air Blower Portable 3000 CFM	\$30.75		
1097	Boat 14/18 ft	\$16.40		
1098	Boat 21 ft	\$24.60		
1099	Boat 26 - 30 ft	\$30.75		
1100	Boat Motor 10 to 50 HP	\$20.50		
1101	Boat Motor > 50 HP	\$49.21		
1102	Boat Motor > 100 HP	\$92.26		
1103	Compressor/Air - 185 CFM	\$43.06		

CLIN	Description - Heavy Equipment	Rate	# of Days	Cost
1123	Light plant, 4 lights w/diesel generator	\$89.71		
1124	Reserved			
1125	Reserved			
1126	Oil Skimmer w/o power	\$20.50		
1127	Oil Skimmer Heads	\$32.80		
1128	Scales portable	\$42.03		
1129	Steam Jenny 3,000 PSI	\$43.06		
1130	Water Laser Lo-Pressure 3,000 PSI	\$76.89		
1131	Water Laser Lo-Pressure 6,000 PSI	\$117.89		
1132	Water Laser Lo-Pressure 10,000 PSI	\$256.29		
1133	Welder Unit	\$20.50		
1134	Pump - Acid 2"	\$73.81		

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# CLIN BREAKOUT FOR Buckday Towing Site (B5H9)

1104	Compressor/Air > 200 CFM	\$123.02
1105	Computer Portable PC	\$10.25
1106	Computer CAD	\$41.01
1107	Cutting Torch	\$8.20
1108	Diving Soubs	\$181.97
1109	Diving Hard Hat Shallow	\$278.79
1110	Generator - 5 KW	\$22.85
1111	Generator - 50 KW	\$141.47
1112	Generator - 150 KW	\$225.53
1113	Generator - 350 KW	\$428.81
1114	Hose - Discharge 2" 50 ft section	\$2.46
1115	Hose - Discharge 3" 50 ft section	\$2.97
1116	Hose - Discharge 4" 50 ft section	\$3.38
1117	Hose - Fire 2" 100 ft	\$4.10
1118	Hose - Suction 2" 20 ft section	\$2.46
1119	Hose - Suction 3" 20 ft section	\$2.97
1120	Hose - Suction 4" 20 ft section	\$3.38
1121	Lighting conventional	\$7.68
1122	Lighting explosion proof	\$30.75
Total Field Equipment		

1135	Pump - Centrifugal 2"	\$33.83
1136	Pump - Centrifugal 3"	\$39.47
1137	Pump - Centrifugal 4"	\$125.07
1138	Double Diaphragm Teflon 2"	\$50.75
1139	Double Diaphragm Teflon 3"	\$63.56
1140	Double Diaphragm Teflon 4"	\$182.48
1141	Pump - Trash 2"	\$28.70
1142	Pump - Trash 3"	\$33.83
1143	Pump - Trash 4"	\$60.21
1144	Oil Boom - Harbor overall hgt. 12"	\$117.89
1145	Oil Boom - Harbor overall hgt. 24"	\$143.52
1146	Oil Skimmer - Drum	\$220.41
1147	Hydraulic Pump	\$300.00
1148	Reserved	
1149	Oil Skimmer - Rope	\$107.64
1150	Oil Skimmer - Oleophilic 20 - 30 gpm	\$678.60
1151	Reserved	
1152	Oil Skimmer Weir/Suction 10 - 50 gp	\$12.82
1153	Reserved	
1154	Oil Skimmer Weir/Suction 10 - 300 gp	\$82.28
Total Field Equipment Cost		

CLIN	Description	Lump Sum
1155	Materials/ODCs	\$14,400
1156	Material Handling Charge @ 2.31%	\$333
Subtotal ODCs & Handling Charge		\$14,733

**TOTAL COST FOR ALL CLINS** \$25,905